

AIRBAG APPARATUS

ABSTRACT

5 An air bag apparatus (1) for installation along the front-to-rear axis of the interior-facing side roof rail (10a) of a motor vehicle. The air bag comprises an air bag body (3), an inflator means (5) which is in fluid communication with the air bag body (3), and a fluid supply delay means (20). The air bag body (3) comprises a plurality of inflatable chambers (2) comprising at least one specific chamber (2P) and
10 at least one general chamber (2Q), wherein when in the deployed state the at least one specific chamber (2P) is positioned adjacent to a structural pillar member (14,15) of a vehicle side portion (13) of the vehicle body and wherein when in the deployed state the at least one general chamber (2Q) is located adjacent to a side-wall of the vehicle side portion (13). In use, the inflator means (5) supplies a high-pressure fluid to the air
15 bag body (3) thereby inflating each of the plurality of chambers (2) and the fluid supply delay means (20) selectively delays the supply of the high-pressure fluid to the at least one specific chamber (2P) relative to the at least one general chamber (2Q).

[Fig. 1]